

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/25/2012, 9/26/2012	Man Days: 2
Inspection Unit: Lincoln	
Location of Audit: Lincoln	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Randall Stewart	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Michael Fuller	Associate Engineer Gas Compliance	
Steve Fricke	Pressure	
Fred Halabi	Corrosion Specialist	
Mike Glenn	Supervisor	
Dallas Jett	Quality Assurance Superintendent	

CUSTOMER METER & REGULATOR		Status
<u>Category Comment:</u>		
30 customer meter sets were inspected in Tremont Park. This is a plastic system. The meter sets were located at the following lots: 33, 34, 35, 36, 37, 47, 49, 51, 52, 55, 56, 57, 58, 59, 60, 68, 69, 70, 71, 72, 73, 74, 75, 78, 80, 81, 82, 83, 84, and 85. Also inspected was the commercial meter set at Meyer Elementary School on Nicholson Road. Meter sets were also inspected at 813 Worthy, 236 Valbert, and 1027 N State.		
192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory

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192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	Satisfactory
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
192.365(a)	Is the service line valve upstream of the regulator or meter?	Satisfactory
192.365(c)	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Satisfactory
192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
<u>General Comment:</u>		
<i>Meters shut off were located at lots 56, 60, and 71 in Tremont Park.</i>		
CATHODIC PROTECTION		Status
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
<u>General Comment:</u>		
<i>In addition to the other readings noted in this section the following pipe to soil reading were observed: Test point L-015-001 at 1749 1200th Avenue -1.302vdc Pressure station XL034 at 1235 Ave and 1850 Ave -1.310vdc Test point at Washington and Mill -1.370vdc 1027 N State -1.090 vdc</i>		
192.465(a)	Were pipe to soil readings taken?	Satisfactory
192.465(b)	Were rectifier installations inspected?	Not Checked
<u>General Comment:</u>		
<i>No rectifiers were inspected during this audit.</i>		
192.465(a)	Were isolated mains/services tested?	Satisfactory
<u>General Comment:</u>		
<i>The isolated service was inspected at Meyer Elementary School on Nicholson Road. A pipe to soil reading of -1.293vdc was observed. The isolated service at 236 Valbert produced a pipe to soil reading of -0.930vdc.</i>		
192.465(c)	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u>		
<i>Ameren had no critical bonds in the area inspected during this audit.</i>		
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory

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192.467(c)	Were casings installations tested for electrical isolation?	Satisfactory
<u>General Comment:</u> <i>Casing inspected during this audit were as follows: Burlington RR and Sangamon -0.632vdc. West of Lincoln office -0.550vdc Rt 10 at the railroad tracks -0.663vdc RR & State St -0.72vdc compared to the 4" steel main in the casing at W North Avenue which read -0.970vdc.</i>		
192.479(a)	Is the above ground piping coated or painted as required?	Satisfactory
192.479(c)	Is the pipeline free of corrosion or pitting?	Satisfactory
DAMAGE PREVENTION		Status
<u>Category Comment:</u> <i>Each railroad crossing, casing, pressure station and road crossing noted in this report were properly marked as required.</i>		
192.614	Does the operator have a valid notification of planned excavation activities?	Not Applicable
<u>General Comment:</u> <i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
265.40(a)	Did the operator complete the locating activities in the specified timeframe?	Not Applicable
<u>General Comment:</u> <i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Applicable
<u>General Comment:</u> <i>The operator did not have a valid notification of planned excavation activities at the time of this audit.</i>		
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
192.707(c)	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
192.707(d)(1)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
192.707(d)(2)	Do the operator's line markers contain the following information: The following	Satisfactory

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	must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
Category Comment:		
Pressure stations inspected were as follows: XL-038 at Zion Cemetery and Union St. XL 024 at 3rd and Elm XL-022 at 1100 block of Keokuk St. XL-034 at Lincoln and Sangamon		
192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
192.741(a), 192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	Satisfactory
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
VALVE MAINTENANCE		Status
Category Comment:		
The following valves were inspected during this audit: L-05-07 at Zion Cemetery LD-36-1-06 at Elm and 2nd XL-65-I-1 at Station XL-65 XL-99-I-2 at Rt 136 station outlet L-07-14 at station XL22 100 block Keokuk L-07-27 at Lincoln and Sangamon		
192.747(a)	Were the valves inspected accessible?	Satisfactory
ODORIZATION OF GAS		Status
Category Comment:		
An odorant intensity test was performed on 9-26-12 at the Meyer Elementary School on Nicholson Road by Steve Fricke utilizing a Heath Odorator S/N 2138-3 last calibrated on 5-24-12. The odorant was readily detectible at .13% gas in air.		
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
192.625(e)	Was the Odorization equipment and tank levels inspected?	Satisfactory
192.625(f)	Was the operator's equipment calibrated as required?	Satisfactory
TRANSMISSION		Status

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192.179(b)(1)	Are transmission valves protected from tampering or damage?	Unsatisfactory
<u>Issue Comment:</u>		
TRANSMISSION VALVE XL-65-I-1 WAS FOUND WITH THE VALVE BOX CAP BROKEN OFF.		
192.745(a)	Were the valves inspected accessible?	Satisfactory
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Satisfactory
MARKING OF MATERIAL		Status
192.63(a)	Does the operator's components and pipe contain the required markings?	Satisfactory
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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